

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093087.D
 Acq On : 22 Feb 2017 20:42
 Operator : SJ/MA
 Sample : I1930-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14A-9-11

Quant Time: Feb 23 00:28:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

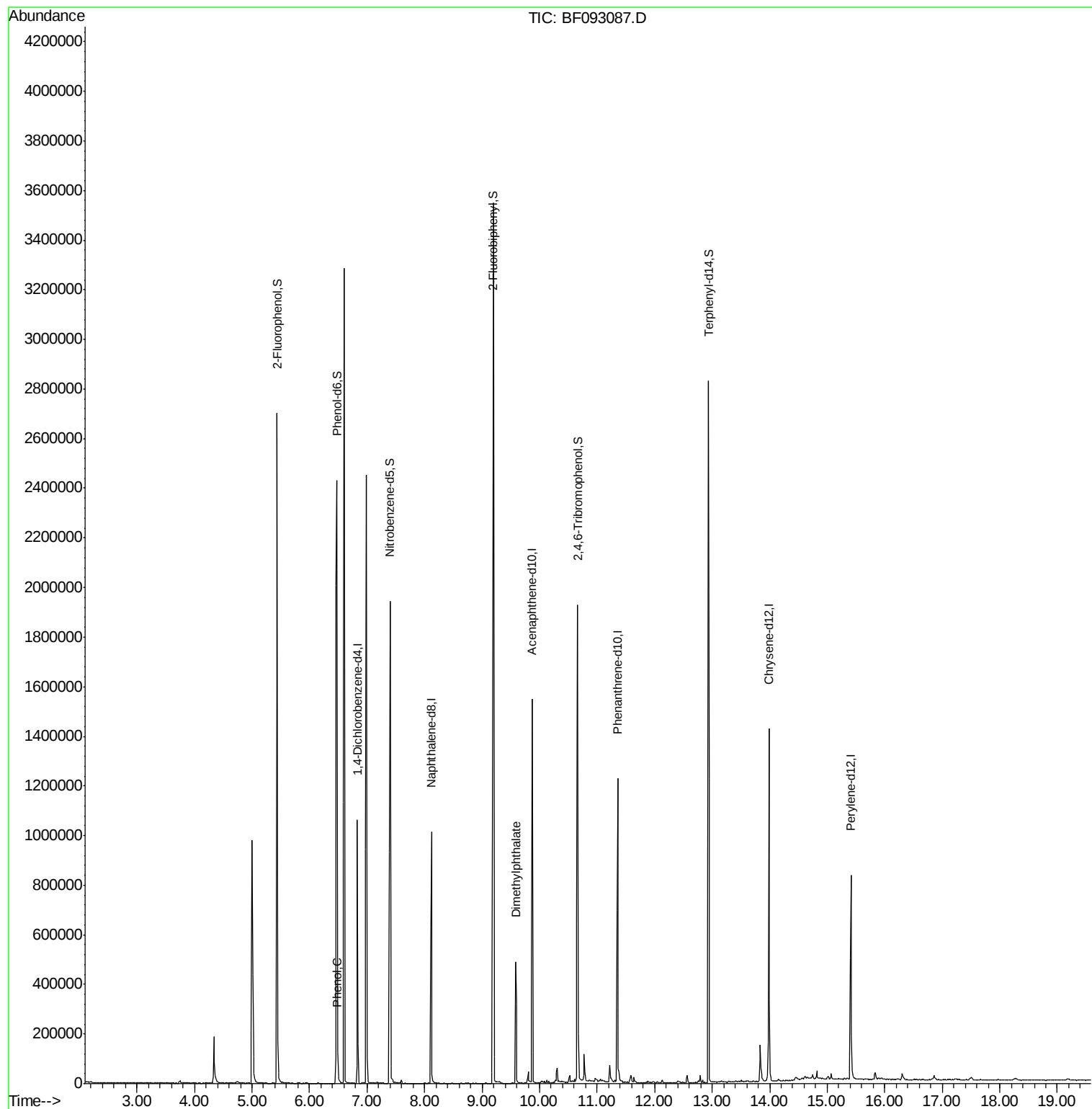
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147863	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	587055	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	295930	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	544827	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	480847	20.00	ng	-0.03
86) Perylene-d12	15.41	264	374027	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	885404	102.73	ng	-0.01
7) Phenol-d6	6.48	99	1164230	104.99	ng	-0.01
23) Nitrobenzene-d5	7.40	82	717466	68.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	214005	99.99	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1203164	73.66	ng	-0.02
78) Terphenyl-d14	12.93	244	996541	48.70	ng	-0.03
Target Compounds						
10) Phenol	6.49	94	26229	2.02	ng	Qvalue # 66
49) Dimethylphthalate	9.58	163	267874	13.44	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Instrument :

BNA_F

ClientSampleId :

14A-9-11

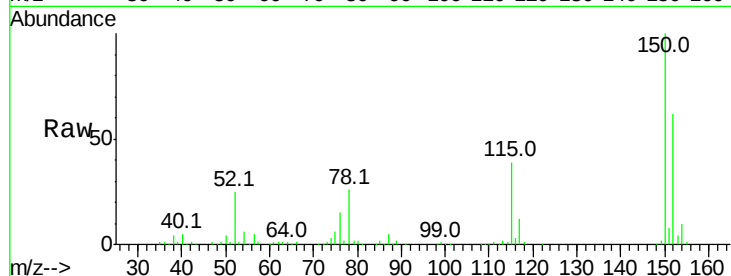
Tot Ion:152 Resp: 147863

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

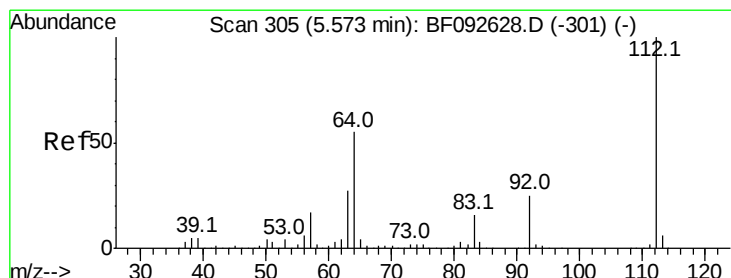
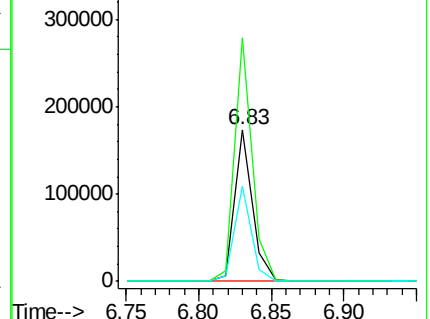
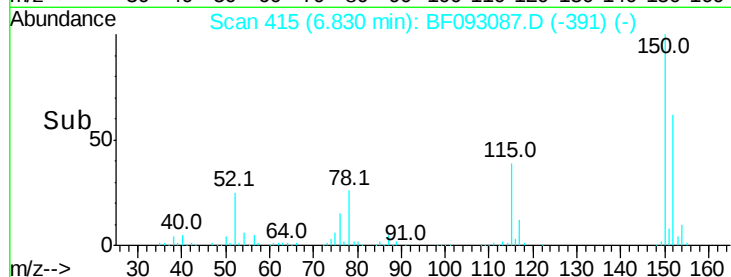
115 63.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 102.73 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

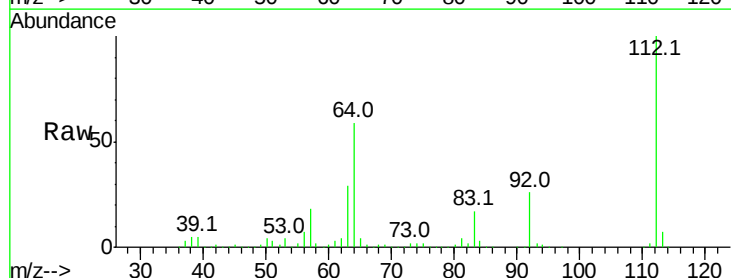
Tgt Ion:112 Resp: 885404

Ion Ratio Lower Upper

112 100

64 59.0 46.1 69.1

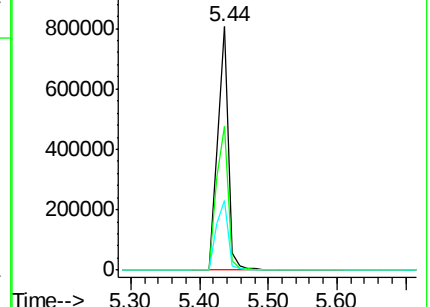
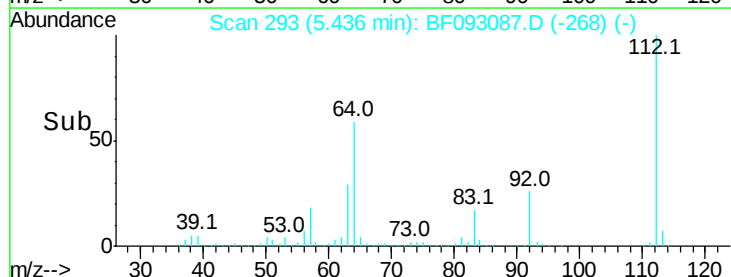
63 28.6 23.8 35.6

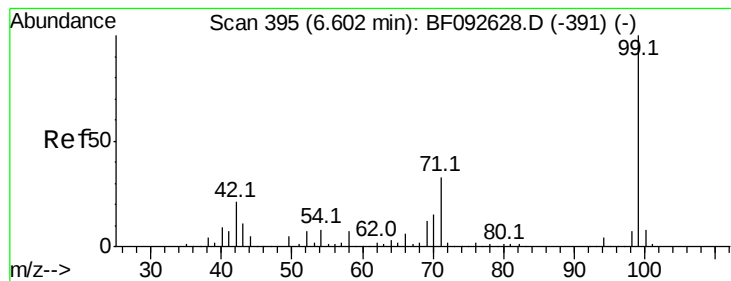


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.99 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Instrument :

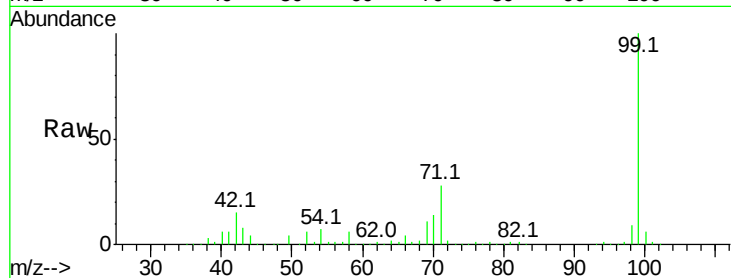
BNA_F

ClientSampleId :

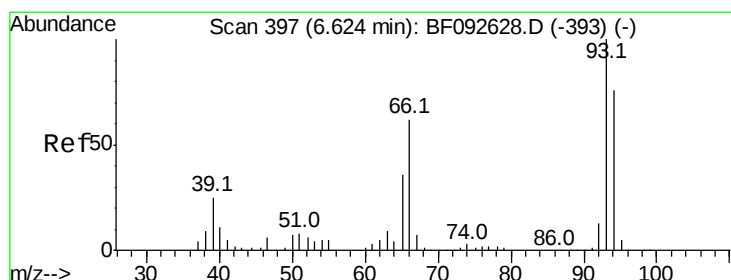
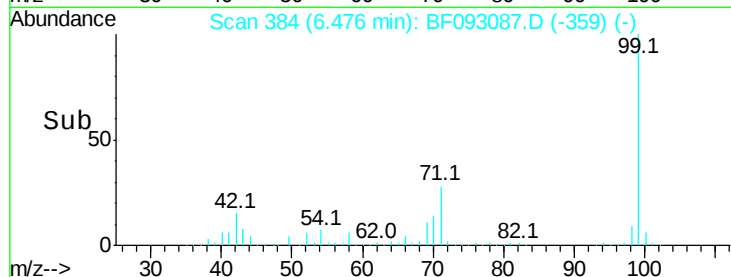
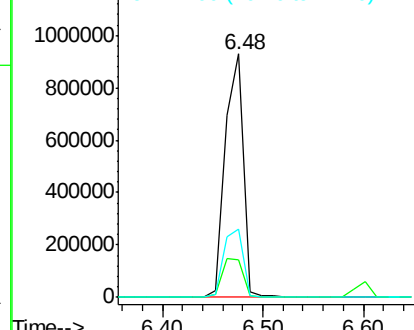
14A-9-11

Tot Ion: 99 Resp: 1164230

Ion	Ratio	Lower	Upper
99	100		
42	15.4	15.6	23.4#
71	28.1	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.02 ng

RT: 6.49 min Scan# 385

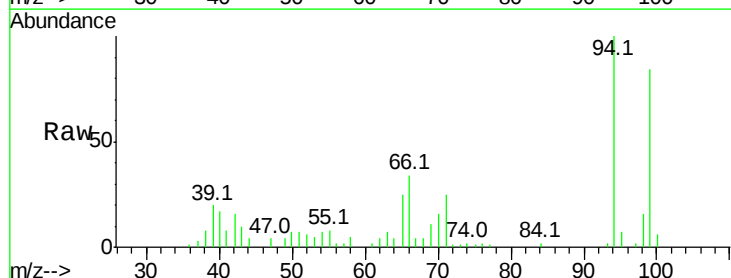
Delta R.T. -0.02 min

Lab File: BF093087.D

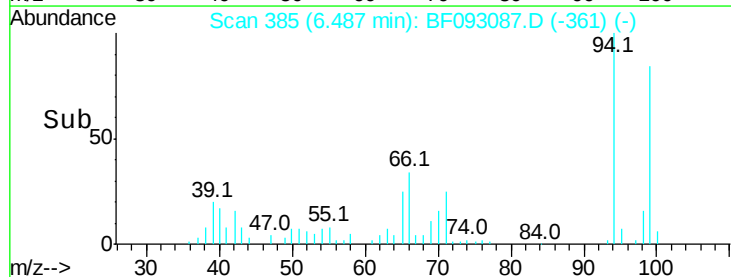
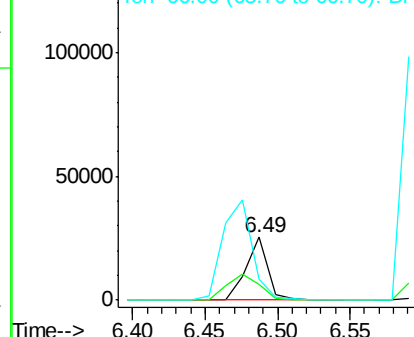
Acq: 22 Feb 2017 20:42

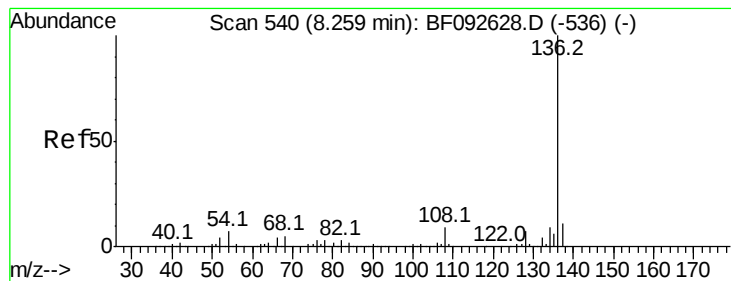
Tgt Ion: 94 Resp: 26229

Ion	Ratio	Lower	Upper
94	100		
65	24.6	21.4	61.4
66	34.3	44.0	84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Instrument :

BNA_F

ClientSampleId :

14A-9-11

Tot Ion:136 Resp: 587055

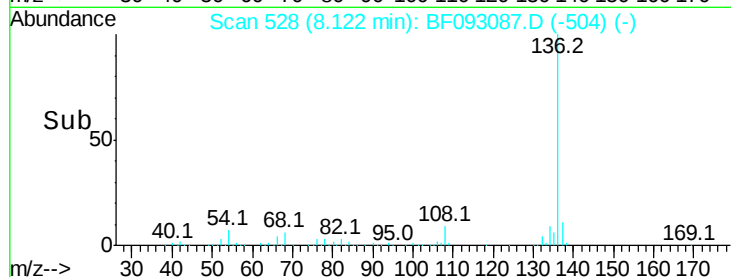
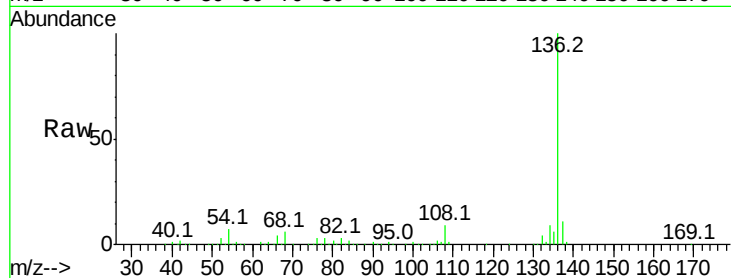
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.4 4.5 6.7#

68 5.5 3.6 5.4#

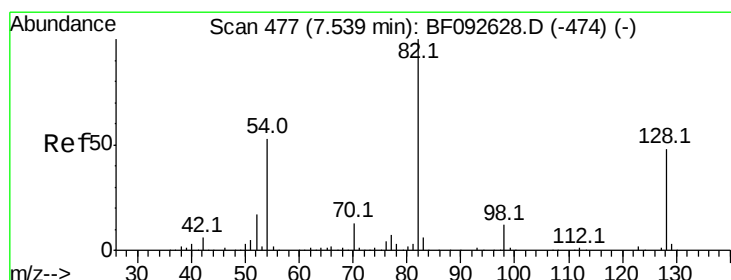
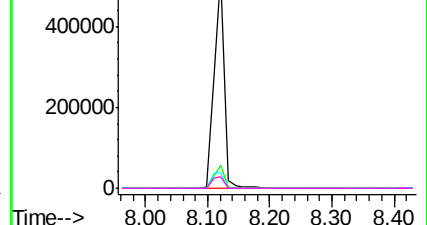


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 68.06 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

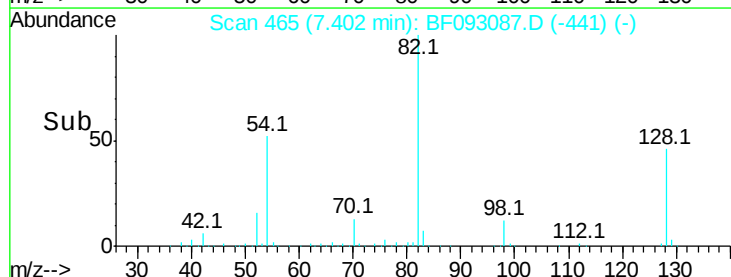
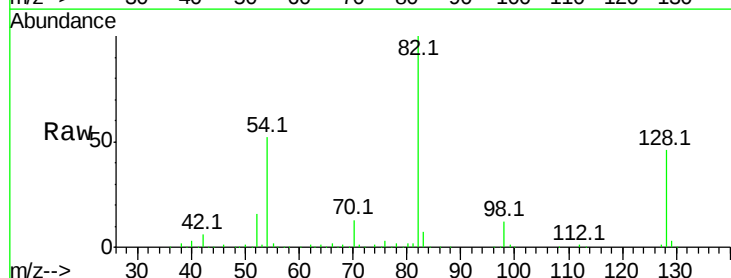
Tgt Ion: 82 Resp: 717466

Ion Ratio Lower Upper

82 100

128 46.4 34.6 52.0

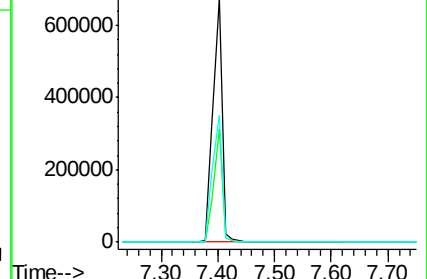
54 52.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

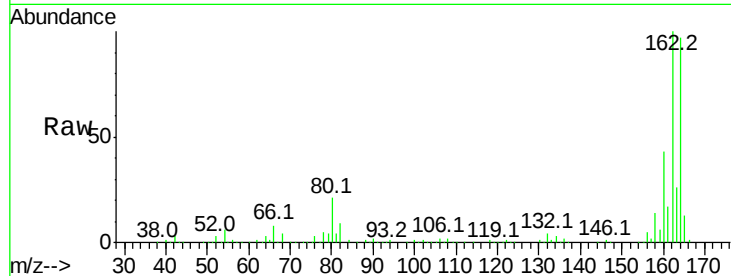




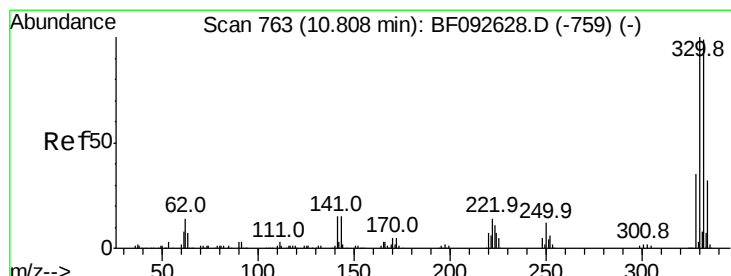
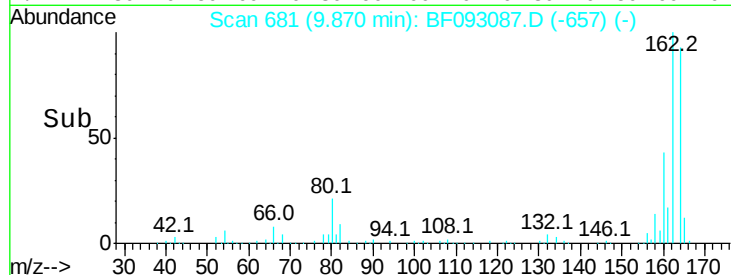
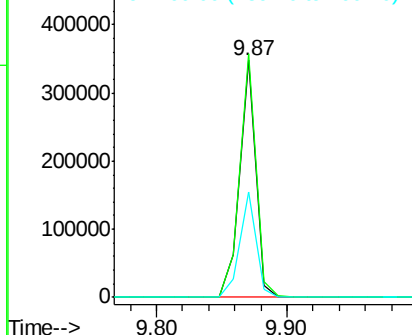
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

Instrument :
BNA_F
ClientSampleId :
14A-9-11

Tot Ion:164 Resp: 295930
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 44.5 36.9 55.3

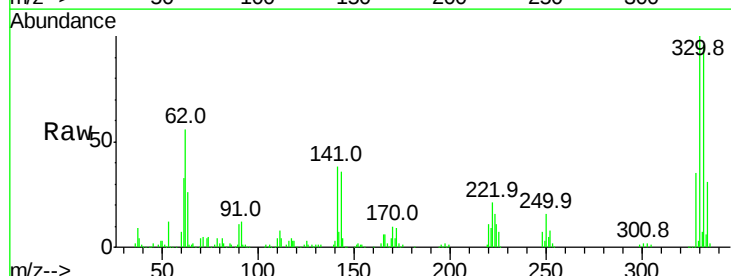


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

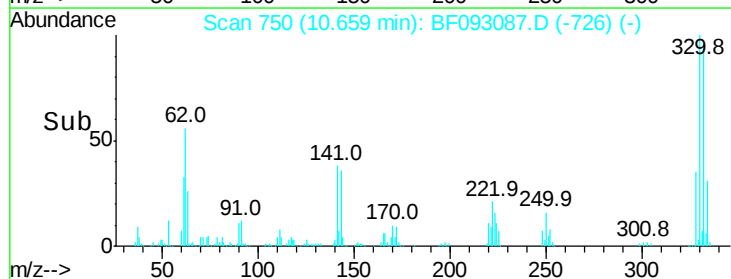
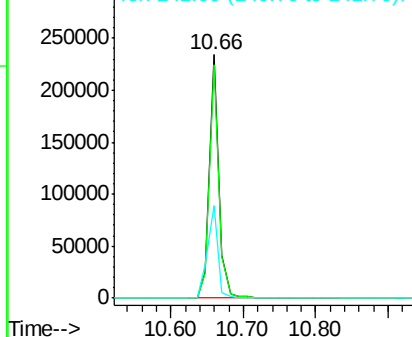


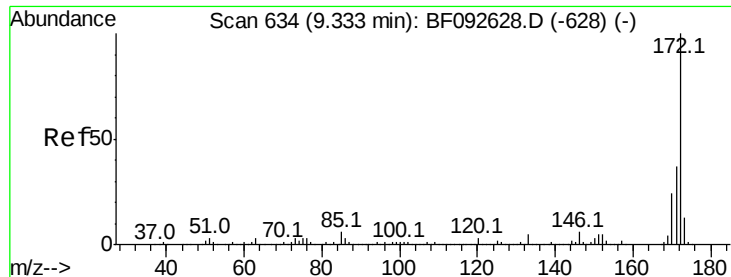
#41
2,4,6-Tribromophenol
Concen: 99.99 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

Tgt Ion:330 Resp: 214005
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 41.6 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



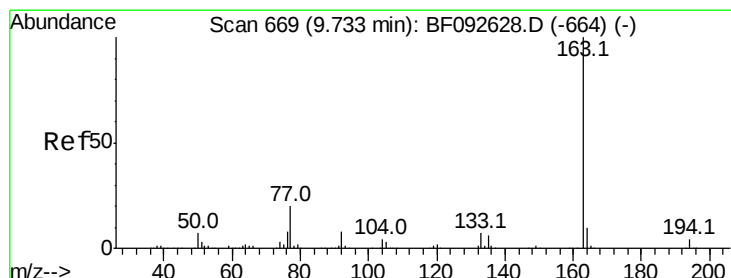
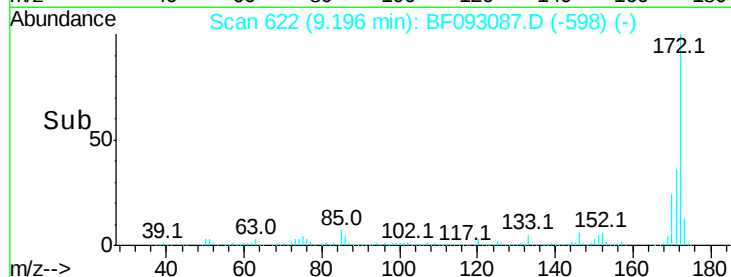
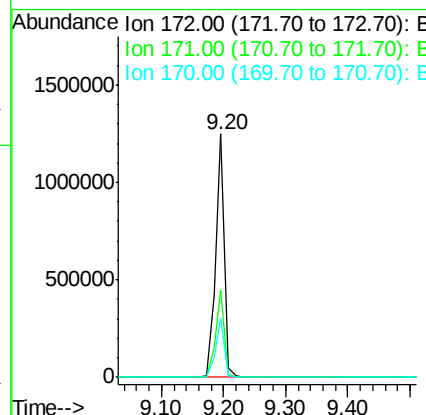
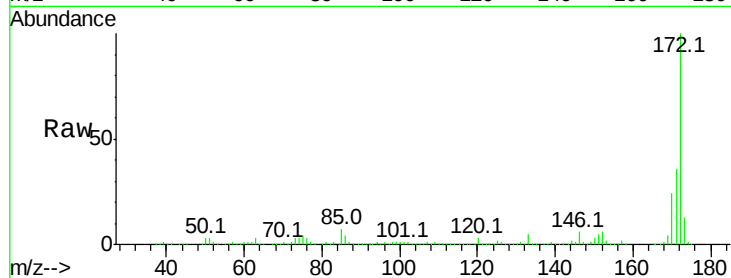


#44
 2-Fluorobiphenyl
 Concen: 73.66 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :
 14A-9-11

Tot Ion:172 Resp: 1203164

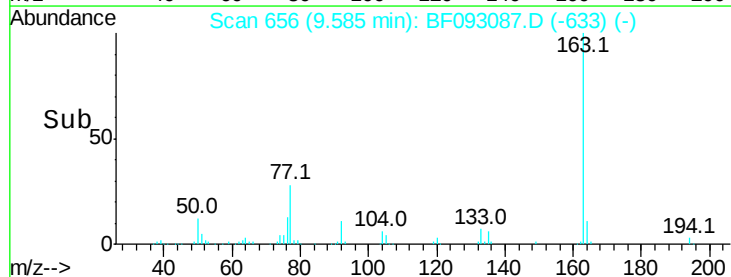
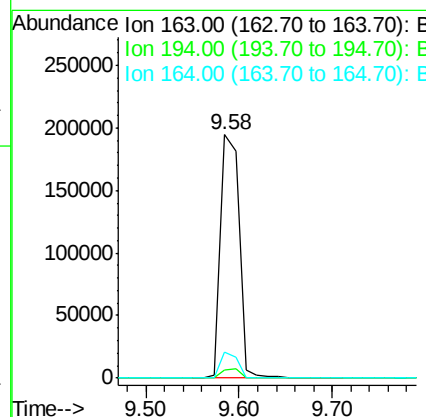
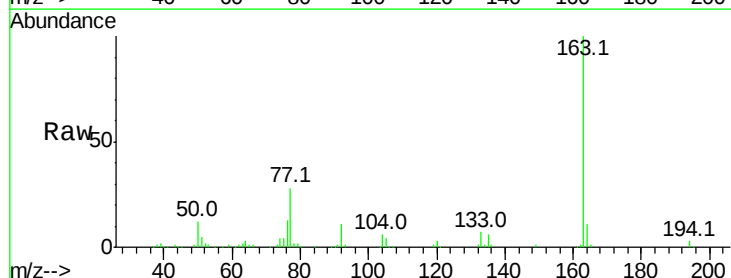
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.4	20.2	30.4

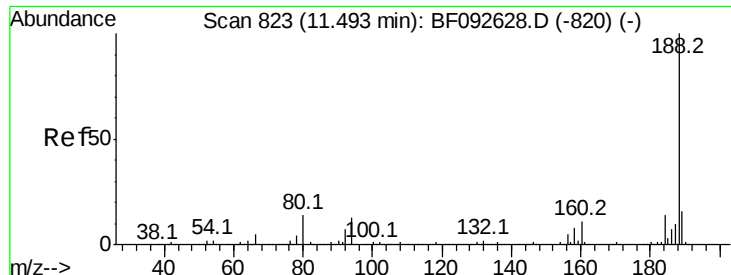


#49
 Dimethylphthalate
 Concen: 13.44 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Tgt Ion:163 Resp: 267874

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.6	8.0	12.0

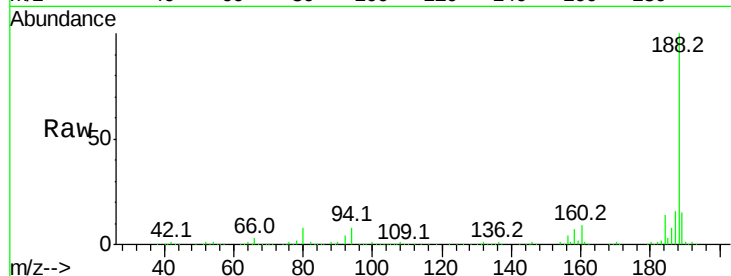




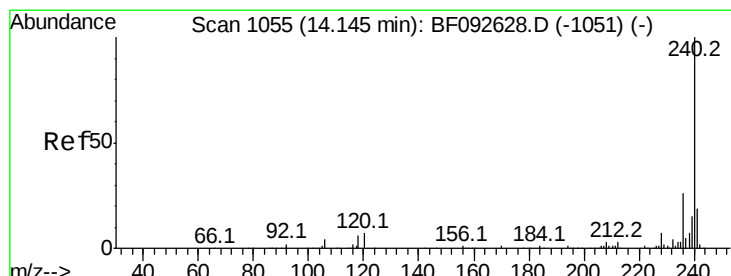
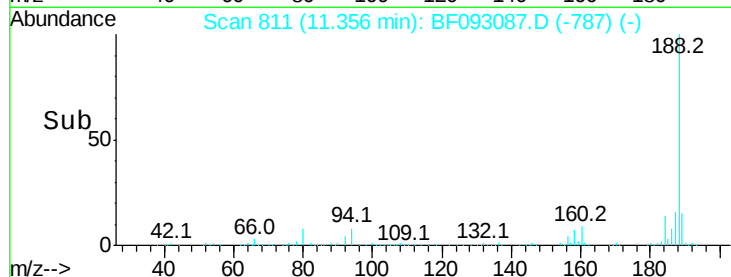
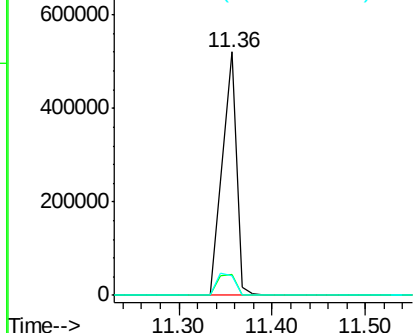
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

Instrument :
BNA_F
ClientSampleId :
14A-9-11

Tot Ion:188 Resp: 544827
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.1 11.2 16.8#

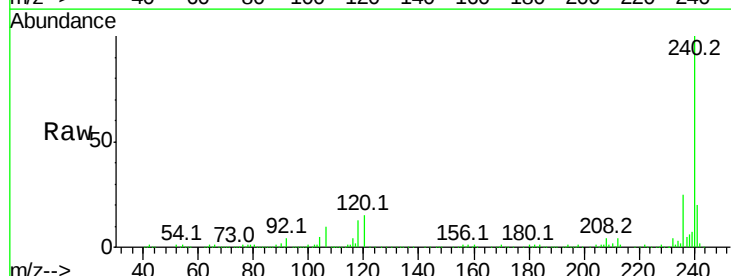


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

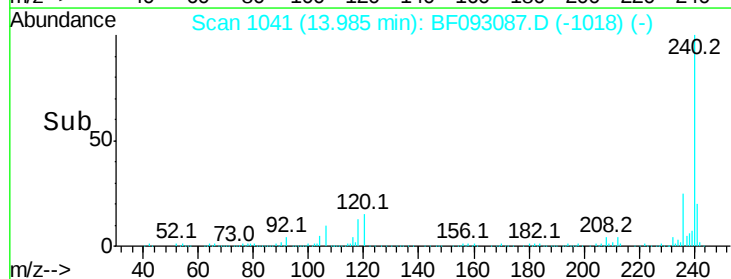
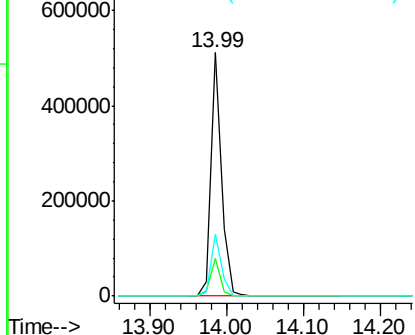


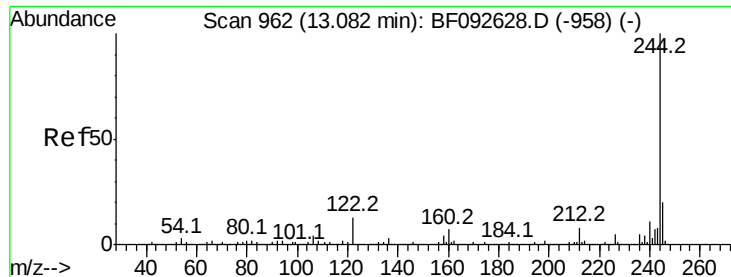
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

Tgt Ion:240 Resp: 480847
Ion Ratio Lower Upper
240 100
120 15.5 12.9 19.3
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.70 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Instrument :

BNA_F

ClientSampleId :

14A-9-11

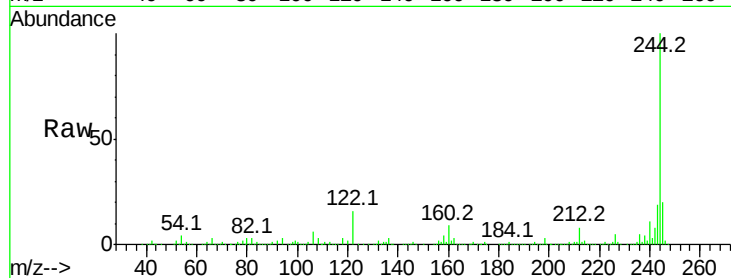
Tot Ion:244 Resp: 996541

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

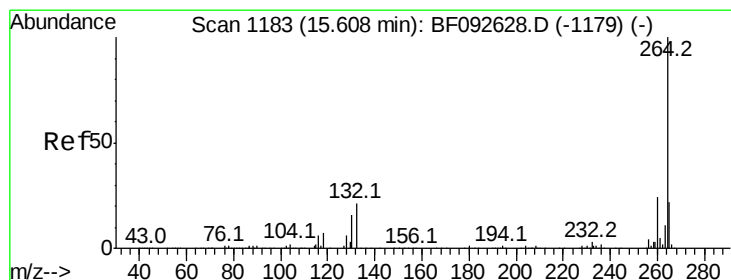
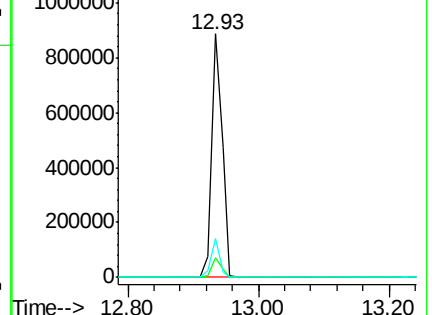
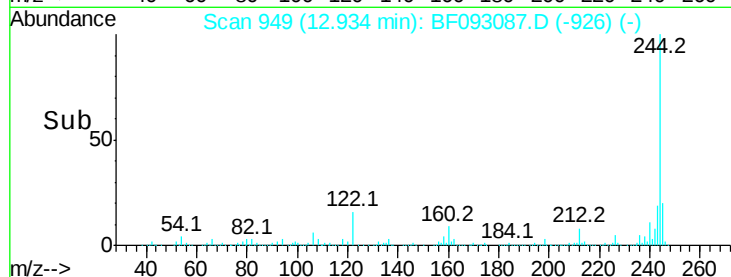
122 16.1 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

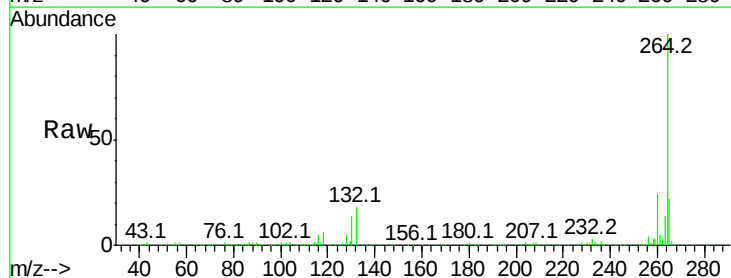
Tgt Ion:264 Resp: 374027

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

